

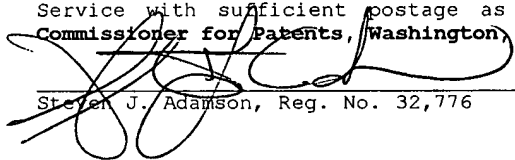
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Bates  
6-15-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	)	<u>REISSUE</u>
	)	<u>PATENT APPLICATION</u>
Inventor(s): Kenneth N. Bates	)	
	)	
Reissue Serial No.: 09/628,942	)	Art Unit: 3662
	)	
Original Patent No.: 5,787,049	)	Examiner: Lobo, I.
	)	
Original Patent Issued: 07/28/98	)	
	)	
Reissue Filed: 07/28/00	)	
	)	
Title: Acoustic Wave Imaging	)	
Apparatus and Method	)	

CERTIFICATE OF MAILING UNDER 37 C.F.R. Section 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231 on 6-8-01.

  
Steven J. Adamson, Reg. No. 32,776

6-5-01  
Signature Date

RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.111

Assistant Commissioner for Patents  
Washington, DC 20231

Sir or Madam:

This RESPONSE is in reply to the Office Action mailed February 5, 2001.

AMENDMENTS

Please amend the above-identified reissue patent application as follows.

In the Specification:

Replace the paragraph at Col. 1, lines 9-23, with the following:

AI  
Conventional acoustic wave imaging systems use a one dimensional (1-D) array of electro-acoustic transducers, for example, a 1 X 100 array, and have been configured to achieve linear, curved linear and sector scanning. Coherence in the transmission and receipt of acoustic signals is achieved by the utilization of delay devices in the signal processing channels. Present one dimensional systems are